

CCA #42 & #43 Pacific Grove Marine Gardens Fish Refuge & Hopkins Marine Life Refuge

DESCRIPTION

The 'Pacific Grove Marine Gardens Fish Refuge and Hopkins Marine Life Refuge' State Water Quality Protection Area (SWQPA) has 3.2 miles of coastline in Monterey County, adjacent to the city of Pacific Grove. This SWQPA lies entirely within the Monterey Bay National Marine Sanctuary, and contains the Pacific Grove State Marine Conservation Area and Hopkins State Marine Reserve. The Department of Fish and Game and the Hopkins Marine Lab manage these two marine protected areas.

There are 268 direct discharges draining into this SWQPA, many of which discharge urban runoff. Seawalls with pipes used to drain the landscape and road runoff are located along portions of the SWQPA. The Hopkins Marine Laboratory has several point sources of laboratory waste seawater that discharge directly into the SWQPA. The Monterey Bay Aquarium is located immediately adjacent to the SWQPA and Hopkins laboratory, and its discharge of waste seawater and desalination brine undoubtedly enters the SWQPA as well. The southern portion of the Monterey Bay coastline, including Pacific Grove, is listed as impaired for metals based on historical mussel water data.



Hopkins Marine Station, Mussel Point, Pacific Grove

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For more photos, visit:
www.californiacoastline.org

REASON FOR CCA IDENTIFICATION

This watershed flows into the 'Pacific Grove Marine Gardens Fish Refuge and Hopkins Marine Life Refuge' **State Water Quality Protection Area** (an Area of Special Biological Significance). Monterey Bay South was also a 1998 303(d)-listed impaired waterbody that flows into a **Marine Managed Area** (the Pacific Grove State Marine Conservation Area and Hopkins State Marine Reserve).

POLLUTED RUNOFF CONDITIONS

	Top 5 Runoff Pollutants of Concern					Efforts to Address Pollutants (See next page)
	<u>2002 303(d)-Listed Pollutants</u> TMDL Priority (& Proposed Completion if available)		<u>Other Pollutants</u>			
Selected Coastal Zone Waterbodies	<u>Metals</u>	<u>Pesticides</u>	?	?	?	
Monterey Bay South (Coastline) ▲	▲ Low	▲ Low				
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture		▲				
Forestry (Silviculture)						
Urban Areas						b, c, d
➤ Urban Runoff/ Storm Sewers						b, c
Marinas & Boating						
Hydromodification						a
Wetlands & Riparian Areas						
Resource Extraction						
➤ Surface Mining	▲					

Pacific Groves Marine Gardens Fish Refuge CCA

MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a)	Monterey Bay Salmon and Trout Project	http://www.mbstp.org/
	Morro Whitcomb (831) 458-3095	mbstp@aol.com
➤ Founded in 1976, the Monterey Bay Salmon and Trout Project (MBS&TP) is a non-profit organization dedicated to the restoration and enhancement of the native salmon and steelhead populations of the greater Monterey Bay area.		
b)	Monterey Bay Sanctuary Citizen Watershed Monitoring Network	http://www.mbnms.nos.noaa.gov/monitoringnetwork/welcome.html
	NOAA, Monterey Bay National Marine Sanctuary Bridget Hoover (831) 883-9303	info@monitoringnetwork.org bhoover@monitoringnetwork.org
➤ Consortium of approximately twenty citizen monitoring groups that monitor the health of the watersheds flowing into the Monterey Bay National Marine Sanctuary.		
c)	Diversion of Storm Drain Flow to Sanitary Sewer	http://www.ci.pg.ca.us/
	City of Pacific Grove Steve Leiker (831) 648.5722	sleiker@ci.pg.ca.us
➤ Divert urban runoff at Lover's Point.		
d)	Divert Urban Runoff at Monterey Bay National Marine Sanctuary	http://www.ci.pg.ca.us/
	City of Pacific Grove Steve Leiker (831) 648.5722	sleiker@ci.pg.ca.us
➤ Expand existing CBI project to include an additional 45 acres to collect urban runoff and divert to existing stormwater collection system.		

REGULATORY/PLANNING JURISDICTIONS

➤ City of Pacific Grove, Public Works Dept.	http://www.ci.pg.ca.us/	Steve Leiker (831) 648.5722	sleiker@ci.pg.ca.us
➤ City of Monterey	http://www.monterey.org/	Jennifer Gonzalez (831) 646-3920	jgonzale@ci.monterey.ca.us
➤ Monterey County Water Resources Agency	http://www.mcwra.co.monterey.ca.us/	Manuel Quezada (831) 755-4874	quezadam@co.monterey.ca.us
➤ Calif. Coastal Commission, Water Quality Unit	http://www.coastal.ca.gov/nps/npsndx.html	Ross Clark (831) 427-4873	rclark@coastal.ca.gov
➤ Central Coast Regional Water Quality Control Board	http://www.waterboards.ca.gov/centralcoast/	Amanda Bern (805) 594-6197	abern@waterboards.ca.gov
➤ State Water Resources Control Board, State Water Quality Protection Areas	http://www.swrcb.ca.gov/plnspols/oplans/asbs.html	Connie Anderson (916) 341-5280	csanderson@waterboards.ca.gov
➤ California Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Terri Nevins (510) 286-4161	tnevins@scc.ca.gov
➤ Calif. Dept. of Fish & Game, Pacific Grove State Marine Conservation Area and Hopkins State Marine Reserve	http://www.dfg.ca.gov/mrd/mlpa/analysis_southcentral.html#pacificgrove	Paul Reilly (831) 649-2879	preilly@dfg.ca.gov
➤ Calif. State Parks, Monterey District	http://www.parks.ca.gov/parkindex/region_info.asp?regiontab=0&id=6	Tom Moss (831) 649-2854	tmoss@parks.ca.gov
➤ NOAA, Monterey Bay National Marine Sanctuary	http://www.mbnms.nos.noaa.gov/	Chris Coburn (831) 420-1670	Chris.Coburn@noaa.gov